## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First named inventor: Daniel N. Harres Docket No. 03-0341

Serial No.10/608,281 Filed: June 27, 2003

Examiner: Li Liu Art Unit: 2613

Title: APPARATUS AND METHODS FOR NOISE-

FEEDBACK CONTROLLED OPTICAL SYSTEMS

Confirm, No. 8539

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **RESPONSE TO FINAL OFFICE ACTION JULY 1, 2009**

This response is being filed as part of an RCE. The response includes a section for amendments to the claims and a section for remarks. The amendments to the claims begin on page 2 and the remarks begin on page 9.

A petition for a ONE month extension of time is included. The office action set a three month shortened statutory period for response. The extended period for response expires on Nov. 2, 2009, since Nov. 1<sup>st</sup> fell on a Sunday.

Respectfully submitted.

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Date: Nov. 2, 2009